

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): An implantable medical device comprising,
an etched amorphous metal alloy formed into an implantable medical device,
~~wherein~~ said amorphous metal alloy is selected from the group consisting of a
copper-based alloy having a metalloid, an iron-based alloy having a metalloid, and a
cobalt-based alloy having a metalloid.
2. (original): The medical device according to claim 1, wherein the device is permanently
implanted.
3. (original): The medical device according to claim 1, wherein the device is temporarily
implanted.
4. (withdrawn): An implantable surgical fastener comprising at least one amorphous metal
alloy.
5. (withdrawn): The implantable surgical fastener according to claim 4, wherein the surgical
fastener is a monofilament suture comprising an amorphous metal alloy filament.

6. (withdrawn): The implantable surgical fastener according to claim 5, wherein the monofilament suture comprises a coating.
7. (withdrawn): The implantable surgical fastener according to claim 6, wherein the coating comprises a polymeric material.
8. (withdrawn): The implantable surgical fastener according to claim 7, wherein the polymeric material is a resorbable polymer.
9. (withdrawn): The implantable surgical fastener according to claim 6, wherein the coating comprises a healing promoter.
10. (withdrawn): The implantable surgical fastener according to claim 4, wherein the surgical fastener is a multifilament suture comprising at least one amorphous metal alloy filament.
11. (withdrawn): The implantable surgical fastener according to claim 10, wherein the multifilament suture comprises at least one polymeric filament.
12. (withdrawn): The implantable surgical fastener according to claim 11, wherein the at least one polymeric filament comprises a resorbable polymer.
13. (withdrawn): The implantable surgical fastener according to claim 10, wherein the at least one amorphous metal alloy filament is coated.

14. (withdrawn): The implantable surgical fastener according to claim 13, wherein the coating comprises a resorbable polymer, a healing promoter, or both.
15. (withdrawn): The implantable surgical fastener according to claim 4, wherein the implantable surgical fastener is a clamp, clip, sheath, or staple.
16. (withdrawn): An implantable surgical fabric comprising at least one amorphous metal alloy.
17. (withdrawn): The implantable surgical fabric of claim 16, wherein the surgical fabric is a non-woven fabric comprising a non-woven polymeric sheet and at least one amorphous metal alloy thread or wire that is bonded or laminated thereto.
18. (withdrawn): The implantable surgical fabric of claim 16, wherein the surgical fabric is a woven fabric comprising at least one amorphous metal alloy thread.
19. (withdrawn): The implantable surgical fabric according to claim 18, wherein the woven fabric comprises a plurality of polymeric threads interwoven with the at least one amorphous metal alloy thread.
20. (withdrawn): The implantable surgical fabric according to claim 19, wherein the amorphous metal alloy threads comprise a coating.

21. (withdrawn): The implantable surgical fabric according to claim 20, wherein the coating comprises a polymeric material.
22. (withdrawn): The implantable surgical fabric according to claim 21, wherein the polymeric material is a resorbable polymer.
23. (withdrawn): The implantable surgical fabric according to claim 20, wherein the coating comprises a healing promoter.
24. (withdrawn): The implantable surgical fabric according to claim 18, wherein the surgical fabric comprises a plurality of woven amorphous metal threads.
25. (withdrawn): The implantable surgical fabric according to claim 24, wherein the surgical fabric comprises a coating.
26. (withdrawn): The implantable surgical fabric according to claim 25, wherein the surgical fabric comprises a coating that comprises a polymer or a healing promoter or both.
27. (withdrawn): An artificial heart comprising an artificial heart valve, wherein the artificial heart valve comprises an amorphous metal alloy component.

28. (withdrawn): The artificial heart according to claim 27, wherein the artificial heart valve comprises an amorphous metal alloy cage.
29. (withdrawn): The artificial heart valve according to claim 27, wherein the amorphous metal alloy component is a sheath, flange, leaf or hinge.
30. (withdrawn): The artificial heart valve according to claim 27, wherein the amorphous metal alloy component is a strut.
31. (currently amended): A stent comprising
 an etched [a] substantially tubular member,
 ~~wherein~~ said member is a tube, sheath or coiled wire that comprises an amorphous metal alloy,
 ~~wherein~~ said amorphous metal alloy is selected from the group consisting of a copper-based alloy, an iron-based alloy, and a cobalt-based alloy.
32. (withdrawn): A bifurcated stent having a strut or wire comprising an amorphous metal alloy.
33. (withdrawn): A stent-graft comprising: a substantially tubular member formed of an etched flat sheet of metal comprising an amorphous metal alloy and a graft material attached to the substantially tubular member.

34. (withdrawn): The stent-graft according to claim 33, wherein the graft material comprises a surgical fabric comprising an amorphous metal alloy.
35. (withdrawn): An orthopedic implant for reconstructive surgery, wherein said orthopedic implant is a wire, spring, or mesh, comprising an amorphous metal alloy.
36. (withdrawn): An orthodontic wire or bracket comprising an amorphous metal alloy.
37. (currently amended): Method of making a [[A]] medical device containing comprising,
forming an etched amorphous metal alloy into a medical device, wherein said
amorphous metal alloy is selected from the group consisting of a copper-based alloy
having a metalloid, an iron-based alloy having a metalloid, and a cobalt-based alloy
having a metalloid; and
wherein said amorphous metal alloy is formed by heating an alloy in a reservoir to
form a molten alloy;
forcing the molten alloy through an orifice by pressurizing the reservoir; and
impinging the molten alloy onto a chill substrate to form said amorphous metal
alloy
etching a pattern onto the amorphous metal alloy; and
forming an etched amorphous metal alloy into a medical device, said amorphous
metal alloy is selected from the group consisting of a copper-based alloy having a
metalloid, an iron-based alloy having a metalloid, and a cobalt-based alloy having a
metalloid.

38. (currently amended): The ~~medical device containing an amorphous metal alloy~~ method according to claim 37, wherein the amorphous metal alloy is formed by heating the alloy to a temperature 50-100 °C above its melting temperature.
39. (currently amended): The ~~medical device containing an amorphous metal alloy~~ method according to claim 37, wherein the amorphous metal alloy is formed by pressurizing the reservoir to a pressure of about 0.5-2.0 psig in order to force the molten alloy through the orifice.
40. (currently amended): The ~~medical device containing an amorphous metal alloy~~ method according to claim 37, wherein the amorphous metal alloy is formed by impinging the molten alloy onto a chill substrate, wherein the surface of the chill substrate moves past the orifice at a speed of between 300-1600 meters/minute and is located between 0.03 and 1 millimeter from the orifice.
41. (currently amended): Method of making a [[A]] medical device comprising an etched amorphous metal alloy, ~~wherein~~ said amorphous metal alloy is selected from the group consisting of a copper-based alloy having a metalloid, an iron-based alloy having a metalloid, and a cobalt-based alloy having a metalloid, and ~~wherein~~ said amorphous metal alloy is formed by:
- heating an alloy in a reservoir to a temperature above the melting point of the alloy;

ejecting the molten alloy through an orifice in the reservoir to form a melt stream;
and impinging the melt stream onto a chill substrate; and

said medical device having biocompatibility and fatigue resistance in moving
organs.

42. (currently amended): The ~~medical device containing an amorphous metal alloy~~ method according to claim 41, ~~wherein~~ the amorphous metal alloy is formed by ejecting the molten alloy through an orifice in the reservoir to form a melt stream with a velocity between 1-10 meters/second.
43. (currently amended): The ~~medical device containing an amorphous metal alloy~~ method according to claim 41, ~~wherein~~ the amorphous metal alloy is formed by impinging the melt stream onto a chill substrate, ~~wherein~~ a surface of the chill substrate moves past the orifice at a speed of between 12-50 meters/second.
44. (withdrawn): A medical device having a radiation shield comprising an amorphous metal alloy.
45. (withdrawn): The medical device according to claim 44, wherein the radiation shield is adapted for external use.
46. (withdrawn): The medical device according to claim 44, wherein the radiation shield is adapted for internal use.

47. (withdrawn): The medical device according to claim 46, wherein the radiation shield houses an energy source.
48. (previously presented): The medical device according to claim 1, wherein said amorphous metal alloy comprises an element selected from the group consisting of silicon, boron, and phosphorus.
49. (previously presented): The medical device according to claim 1, wherein said amorphous metal alloy is an iron based alloy, and wherein said iron-based alloy contains Fe, Cr, B, and P.